



Ordering data: **1LE1002-1CB03-4FA4-Z**  
B16

Motor type: **1AV1130B**

Client order no.:

Item no.:

Order no.:

Consignment no.:

Offer no.:

Project:

Remarks:

U [V]	Δ/Y	f [Hz]	P [kW]	P [hp]	I [A]	n [1/min]	M [Nm]	NOM. EFF at ... load [%]			Power factor at ... load			$I_A/I_N$ $I/I_N$	$M_A/M_N$ $T/T_N$	$M_k/M_N$ $T_B/T_N$	IE-CL
								4/4	3/4	2/4	4/4	3/4	2/4				
400	Δ	50	5.50	- / -	11.40	1450	36.0										
690	Y	50	5.50	- / -	6.70	1450	36.0										
460	Δ	60	6.30	- / -	10.80	1745	34.0										
460	Δ	60	5.50	- / -	0.00												
IM B5 / IM 3001		FS 132 S		38 kg		IP55		IEC/EN 60034		IEC, DIN, ISO, VDE, EN							

These values are calculated. The final rating plate data will be calculated when the order is placed  
The efficiency values and efficiency class according to EuP directive are valid for standard power ratings under standard conditions.

Mechanical data			Terminal box	
Sound pressure level 50Hz/60Hz (load)	64 dB(A)	68 dB(A)	Terminal box position	top
Moment of inertia	0.019 kg m <sup>2</sup>		Material of terminal box	Aluminium
Bearing DE   NDE	6208 2ZC3	6208 2ZC3	Type of terminal box	TB1 H00
Bearing lifetime	40000 h		Contact screw thread	M4
Lubricants	Esso Unirex N3		Max. cross-sectional area	6.0 mm <sup>2</sup>
Regreasing device	No		Cable diameter from ... to ...	11.0 mm - 21.0 mm
Grease nipple	- / -		Cable entry	2xM32x1,5
Type of bearing	Preloaded bearing DE		Cable gland	2 plugs
Condensate drainage holes	No		<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>Special design</b>                      B16 Motor for intermittent duty S6 60%                 </div>	
External earthing terminal	No			
Vibration class	A			
Insulation	155(F) to 130(B)			
Duty type	S1			
Direction of rotation	bidirectional			
Frame material	aluminum			
Data of anti condensation heating	-/-			
Coating	Standard paint finish C2			
Color	RAL7030			
Motor protection	(A) without (Standard)			
Method of cooling	IC411 - self ventilated, surface cooled			

Environmental conditions	
Ambient temperature	-20 °C - +40 °C
Altitude above sea level	1000 m